OEM Automatic Ltd
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ESI GS4200H HYDROGEN PRESSURE SENSORS UP TO 25BAR

GS4212HHB00.5AB
GS4212H, 3 wire 0-5 V, M12, 0 … 0.5bar, 1/4"BSP male

- Compatible for use within Hydrogen based environments
- Tested to ISO 1114-2:2017 according to EC79/2009 and EU406/2010
- Pressure ranges up to 25 bar
- High resistance to overpressure and pressure transients

PRODUCT DESCRIPTION

Several different applications require hydrogen-compatible transmitters and transducers, including hydrogen refuelling, hydrogen engines, marine vehicles, hydrogen fuel cells, and laboratory environments.
Using hydrogen as a source of energy can dramatically reduce the amount of CO2 emissions and make it more affordable, secure, and cleaner.
In order to fulfil this commitment ESI offers a product range which combines versatility and environmental friendliness with the same exceptional performance and stability for which they are known for.
The ESI Hydrogen range uses Titanium alloy measurement cells and wetted parts, which have successfully passed hydrogen compatibility testing according to ISO1114-2:2017 and European Regulations EC 79/2009 and EU 406/2010.
Available options include ATEX and IECEx approved version for explosion protection for flammable gases (zone 0), dusts (zone 20) and mining areas (group I M1) and/or Marine version complying with DNV GL rules for classification of ships, high speed & light craft and DNV GL offshore standards.